

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
2685.1003-008

APPLICATION NO.
09/822,716

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

APPLICANT
David A. Edwards, et al.

FILING DATE
March 30, 2001

CONFIRMATION NO.
7248

GROUP
1615

April 2, 2003

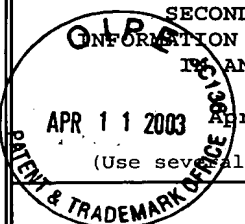
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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	BA	2,470,296	05/17/49	Fields
	BB	2,533,065	12/05/50	Taplin et al.
	BC	2,992,645	07/18/61	Fowler
	BD	3,781,230	12/25/73	Vassiliades et al.
	BE	3,957,965	05/18/76	Harley et al.
	BF	4,009,280	02/22/77	Macarthur et al.
	BG	4,089,800	05/16/78	Temple
	BH	4,161,516	07/17/79	Bell
	BI	4,173,488	11/06/79	Vassiliades et al.
	BJ	4,272,398	06/09/81	Jaffe
	BK	4,352,883	10/05/82	Lim
	BA2	4,391,909	07/05/83	Lim
	BB2	4,466,442	08/21/84	Hilmann et al.
	BC2	4,480,041	10/30/84	Myles et al.
	BD2	4,524,769	06/25/85	Wetterlin
	BE2	4,572,203	02/25/86	Feinstein
	BF2	4,590,206	05/20/86	Forrester et al.
	BG2	4,615,697	10/07/86	Robinson
	BH2	4,679,555	07/14/87	Sackner
	BI2	4,741,872	05/03/88	De Luca et al.
	BJ2	4,743,545	05/10/88	Torobin
	BK2	4,774,958	10/04/88	Feinstein
	BA3	4,789,550	12/06/88	Hommel et al.
	BB3	4,818,542	04/04/89	De Luca et al.
	BC3	4,847,091	07/11/89	Illum
	BD3	4,855,144	08/08/89	Leong et al.
	BE3	4,857,311	08/15/89	Domb et al.

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EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME	
	BF3	4,861,627	08/29/89	Mathiowitz et al.	
	BG3	4,865,789	09/12/89	Castro et al.	
	BH3	This reference number intentionally left blank			
	BI3	4,904,479	02/27/90	Illum	
	BJ3	4,917,119	04/17/90	Potter et al.	
	BK3	4,963,297	10/16/90	Madden	
	BA4	4,976,968	12/11/90	Steiner	
	BB4	4,994,281	02/19/91	Muranishi et al.	
	BC4	This reference number intentionally left blank			
	BD4	5,033,463	07/23/91	Cocozza	
	BE4	5,064,650	11/12/91	Lew	
	BF4	5,069,936	12/03/91	Yen	
	BG4	5,075,109	12/24/91	Tice et al.	
	BH4	5,100,669	03/31/92	Hyon et al.	
	BI4	5,123,414	06/23/92	Unger	
	BJ4	5,145,684	09/08/92	Liversidge et al.	
	BK4	5,160,745	11/03/92	De Luca et al.	
	BA5	5,169,871	12/08/92	Hughes et al.	
	BB5	5,174,988	12/29/92	Mautone et al.	
	BC5	5,195,520	03/23/93	Schlief et al.	
	BD5	5,204,108	04/20/93	Illum	
	BE5	5,204,113	04/20/93	Hartley et al.	
	BF5	5,260,306	11/09/93	Boardman et al.	
	BG5	5,271,961	12/21/93	Mathiowitz et al.	
	BH5	5,306,483	04/26/94	Mautone	
	BI5	5,327,883	07/12/94	Williams et al.	
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EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	BJ5	5,334,381	08/02/94	Unger
	BK5	5,340,587	08/23/94	Milhalko et al.
	BA6	5,352,435	10/04/94	Unger
	BB6	5,384,133	01/24/95	Boyes et al.
	BC6	5,393,524	02/28/95	Quay
	BD6	5,407,609	04/18/95	Tice et al.
	BE6	5,456,917	10/10/95	Wise et al.
	BF6	5,466,841	11/14/98	Horrobin et al.
	BG6	5,482,946	01/09/96	Clark et al.
	BH6	5,518,709	05/21/96	Sutton et al.
	BI6	5,518,998	05/21/96	Bäckström et al.
	BJ6	5,551,489	09/03/96	Trofast et al.
	BK6	5,580,575	12/03/96	Unger et al.
	BA7	5,607,695	03/04/97	Ek et al.
	BB7	5,607,915	03/04/97	Patton
	BC7	5,612,053	03/18/97	Baichwal et al.
	BD7	5,614,216	03/25/97	Janoff
	BE7	5,654,007	08/05/97	Johnson
	BF7	5,690,954	11/25/97	Illum
	BG7	5,698,721	12/16/97	Heath
	BH7	5,707,644	01/13/98	Illum
	BI7	5,709,884	01/20/98	Trofast et al.
	BJ7	5,780,014	07/14/98	Eljamal
	BK7	5,795,594	08/18/98	York et al.
	BA8	5,804,212	09/08/98	Illum
	BB8	5,814,607	09/29/98	Patton
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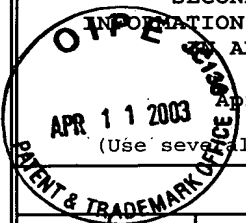
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EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	BC8	5,830,853	11/03/98	Bäckström, et al.
	BD8	5,851,453	12/22/98	Hanna, et al.
	BE8	This reference number intentionally left blank		
	BF8	5,874,063	02/23/99	Briggner et al.
	BG8	This reference number intentionally left blank		
	BH8	5,885,613	03/23/99	Holland et al.
	BI8	5,902,802	05/11/99	Heath
	BJ8	5,922,354	07/13/99	Johnson
	BK8	5,928,469	07/27/99	Franks et al.
	BA9	This reference number intentionally left blank		
	BB9	This reference number intentionally left blank		
	BC9	This reference number intentionally left blank		
	BD9	5,993,783	11/30/99	Eljamal
	BE9	This reference number intentionally left blank		
	BF9	This reference number intentionally left blank		
	BG9	This reference number intentionally left blank		
	BH9	6,019,968	02/01/00	Platz
	BI9	This reference number intentionally left blank		
	BJ9	6,051,256	04/18/00	Platz
	BK9	6,063,138	05/16/00	Hanna et al.
	BA10	This reference number intentionally left blank		
	BB10	6,080,721	06/27/00	Patton
	BC10	This reference number intentionally left blank		
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EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	BD10	6,103,270	08/15/00	Johnson
	BE10	6,123,936	09/26/00	Platz
	BF10	This reference number intentionally left blank		
	BG10	6,136,346	10/24/00	Eljamal
	BH10	6,153,224	11/28/02	Staniforth
	BI10	6,187,330 B1	02/13/01	Wang et al.
	BJ10	6,187,344 B1	02/13/01	Eljamal
	BK10	6,231,851 B1	05/15/01	Platz
	BA11	6,258,341 B1	07/10/01	Foster
	BB11	6,303,582 B1	10/16/01	Eljamal
	BC11	6,309,671 B1	10/30/01	Foster
	BD11	6,315,983 B1	11/13/01	Eistetter
	BE11	6,358,530 B1	03/19/02	Eljamal
	BF11	6,426,210 B1	07/30/02	Franks et al.
	BG11	6,433,040 B1	08/13/02	Dellamary et al.
	BH11	This reference number intentionally left blank		
	BI11	US2002/0052310 A1	05/02/02	Edwards et al.
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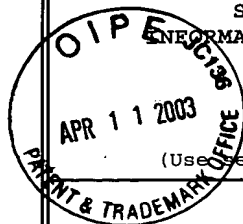
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	BL	WO 80/02365	13/11/80	PCT			
	BM	WO 86/06959	04/12/86	PCT			
	BN	WO 88/04556	30/06/88	PCT			
	BO	WO 88/09163	01/12/88	PCT			
	BP	WO 91/04732	18/04/91	PCT			
	BQ	WO 91/06286	16/05/91	PCT			
	BL2	WO 91/06287	16/05/91	PCT			
	BM2	WO 91/12823	05/09/91	PCT			
	BN2	This reference number intentionally left blank					
	BO2	WO 92/18164	29/10/92	PCT			
	BP2	WO 92/21382	10/12/92	PCT			
	BQ2	WO 93/25221	23/12/93	PCT			
	BL3	WO 94/04133	03/03/94	PCT			
	BM3	WO 94/07514	14/04/94	PCT			
	BN3	WO 94/08627	28/04/94	PCT			
	BO3	WO 94/16739	04/08/94	PCT			
	BP3	WO 95/00127	05/01/95	PCT			
	BQ3	WO 95/07072	16/03/95	PCT			
	BL4	WO 95/24183	14/09/95	PCT			
	BM4	WO 95/31479	23/11/95	PCT (Platz)			
	BN4	WO 95/35097	28/12/95	PCT			
	BO4	WO 96/09814	04/04/96	PCT			
	BP4	This reference number intentionally left blank					
	BQ4	WO 96/23485	08/08/96	PCT			
	BL5	WO 96/32096	17/10/96	PCT (Eljamal)			
	BM5	WO 96/32116	17/10/96	PCT (Eljamal)			
	BN5	WO 96/32149	17/10/96	PCT (Platz)			

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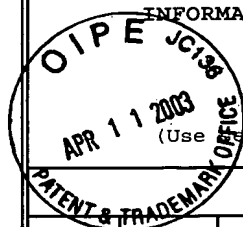
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	BO5	WO 96/40963	19/12/96	PCT				
	BP5	WO 96/41873	27/12/96	PCT				
	BQ5	WO 97/03649	06/02/97	PCT				
	BL6	WO 97/36574	09/10/97	PCT				
	BM6	This reference number intentionally left blank						
	BN6	WO 98/16205	23/04/98	PCT (Foster)				
	BO6	WO 98/29096	09/07/98	PCT (Gordon)				
	BP6	WO 98/29098	09/07/98	PCT (Gordon)				
	BQ6	WO 98/29140	09/07/98	PCT (Gordon)				
	BL7	WO 98/29141	09/07/98	PCT (Gordon)				
	BM7	This reference number intentionally left blank						
	BN7	WO 98/51278	19/11/98	PCT				
	BO7	WO 99/16419	08/04/99	PCT				
	BP7	WO 99/16420	08/04/99	PCT				
	BQ7	WO 99/16421	08/04/99	PCT				
	BL8	WO 99/16422	08/04/99	PCT				
	BM8	WO 99/66903	29/12/99	PCT				
	BN8	This reference number intentionally left blank						
	BO8	WO 00/15262	23/03/00	PCT (Clark)				
	BP8	WO 00/21594	20/04/00	PCT (Clark)				
	BQ8	WO 00/33811	15/06/00	PCT				
	BL9	WO 01/00312 A1	04/01/01	PCT (Bennett)				
	BM9	WO 01/13891 A3	01/03/01	PCT				
	BN9	WO 01/32144 A1	10/05/01	PCT (Lechuga-Ballesteros)				
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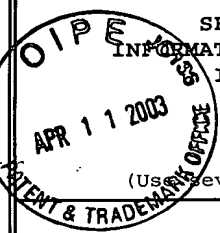
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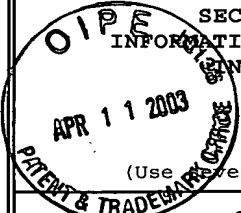
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	BO9	WO 02/09669 A3	07/02/00	PCT (Snyder)				
	BP9	WO 02/11695 A3	14/02/02	PCT (Stevenson)				
	BQ9	WO 02/054868 A2	18/07/02	PCT (Weickert)				
	BL10	WO 02/055101 A2	18/07/02	PCT (Hastedt)				
	BM10	WO 02/087542 A1	07/11/02	PCT (Bot)				
	BN10	EP 0 072 046 A1	16/02/03	EPO				
	BO10	EP 0 213 303 B1	04/09/91	EPO				
	BP10	EP 0 257 915 A1	02/03/88	EPO				
	BQ10	EP 0 257 956 B1	20/05/92	EPO				
	BL11	EP 0 324 938 A1	26/07/89	EPO				
	BM11	EP 0 335 133 A2	04/10/89	EPO				
	BN11	EP 0 458 745 A1	14/05/91	EPO				
	BO11	EP 0 510 731 A1	28/10/92	EPO				
	BP11	EP 0 634 166 A1	18/01/95	EPO				
	BQ11	EP 0 656 206 A1	07/06/95	EPO				
	BL12	1 288 583	17/11/69	GB				
	BM12	1,300,009	05/05/92	Canada				
	BN12	1,302,258	02/06/92	Canada				
	BO12	2,058,428	05/09/00	Canada				
	BP12	2,085,884	30/12/91	Canada				
	BQ12	2,111,002	22/08/00	Canada				
	BL13	2,126,244	26/09/00	Canada				
	BM13	2,166,108	05/01/95	Canada				
	BN13	2,170,394	02/03/95	Canada				

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
BR	This reference number intentionally left blank.				
BS	Adjei, A., and Garren, J., "Pulmonary Delivery of Peptide Drugs: Effect of Particle Size on Bioavailability of Leuprolide Acetate in Healthy Male Volunteers," <i>Pharm. Res.</i> , 7(6):565-569 (1990).				
BT	Allen, T.M., et al., "Subcutaneous Administration of Liposomes: A Comparison with the Intravenous and Intraperitoneal Routes of Injection," <i>Biochem. et Biophys. Acta.</i> 1150:9-16 (1993).				
BU	Altshuler, B., et al., "Aerosol Deposition in the Human Respiratory Tract," <i>Am. Med. Assoc. Arch. of Indust. Health</i> 15:293-303 (1957).				
BV	Anderson, P.J., et al., "Effect of Cystic Fibrosis on Inhaled Aerosol Boluses," <i>Am. Rev. Respir. Dis.</i> , 140:1317-1324 (1989).				
BW	Anderson, M., et al., "Human Deposition and Clearance of 6- μ m Particles Inhaled with an Extremely Low Flow Rate," <i>Exp. Lung Res.</i> , 21:187-195 (1995).				
BX	Barrera, D.A., et al., "Synthesis and RGD Peptide Modification of a New Biodegradable Copolymer: Poly(lactic acid-co-lysine)," <i>J. Am. Chem. Soc.</i> , 115:11010-11011 (1993).				
BY	Beck, L.R., et al., "A New Long-Acting Injectable Microcapsule System for the Administration of Progesterone," <i>Fertility and Sterility</i> , 31(5):545-551 (1979).				
BZ	Benita, S., et al., "Characterization of Drug-loaded Poly(d,l-lactide) Microspheres," <i>J. of Pharm. Sci</i> 73(12):1721-1724 (1984).				
BR2	Blackett, P.M., and G. Buckton, "A Microcalorimetric Investigation of the Interaction of Surfactants with Crystalline and Partially Crystalline Salbutamol Sulphate in a Model Inhalation Aerosol System," <i>Pharmaceutical Research</i> , 12(11):1689-1693 (1995).				
BS2	Brain, J.D., "Physiology and Pathophysiology of Pulmonary Macrophages". In <i>The Reticuloendothelial System</i> , Reichard and Filkins, eds. (Plenum Press, New York), pp. 315-327 (1985).				
BT2	Brown, A.R., et al., "Propellant-Driven Aerosols of Functional Proteins as Potential Therapeutic Agents in the Respiratory Tract," <i>Immunopharmacology</i> , 28:241-257 (1994).				
BU2	Byron, P.R., "Determinants of Drug and Polypeptide Bioavailability from Aerosols Delivered to the Lung," <i>Adv. Drug. Del. Rev.</i> , 5:107-132 (1990).				
BV2	Carroll, B.A., et al., "Gelatin Encapsulated Nitrogen Microbubbles as Ultrasonic Contrast Agents," <i>Investigative Radiology</i> , 15:260-266 (1980).				
BW2	Carroll, B.A., et al., "Ultrasonic Contrast Enhancement of Tissue by Encapsulated Microbubbles," <i>Radiology</i> , 143:747-750 (1982).				
BX2	Ch'ng, H.S., et al., "Bioadhesive Polymers as Platforms for Oral Controlled Drug Delivery II: Synthesis and Evaluation of Some Swelling, Water-Insoluble Bioadhesive Polymers," <i>J. of Pharm Sci.</i> , 74(4):399-405 (1985).				
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
	BY2	Clark, A., and P. Byron, "Dependence of Pulmonary Absorption Kinetics on Aerosol Particle Size," <i>Z. Erkrank. Atm.org.</i> , 166:13-24 (1986).			
	BZ2	Clark, A.R., and M. Egan, "Modeling the Deposition of Inhaled Powdered Drug Aerosols," <i>J. Aerosol Sci.</i> , 25(1):175-186 (1994).			
	BR3	Clay, M.M., et al. "Effect of Aerosol Particle Size on Bronchodilatation with Nebulised Terbutaline in Asthmatic Subjects," <i>Thorax</i> 41:364-368(1986).			
	BS3	Cohen, S., et al., "Controlled Delivery Systems for Proteins Based on Poly(Lactic/Glycolic Acid) Microspheres," <i>Pharm. Res.</i> 8(6):713-720(1991).			
	BT3	Colthorpe, P., et al., "The Pharmacokinetics of Pulmonary-Delivered Insulin: A Comparison of Intratracheal and Aerosol Administration to the Rabbit," <i>Pharm. Res.</i> 9(6):764-768 (1992).			
	BU3	Daly, W.H., et al., "The Preparation of N-Carboxyanhydrides of α -Amino Acids Using Bis(Trichloromethyl) Carbonate," <i>Tetrahedron Lett.</i> , 29(46):5859-5862 (1988).			
	BV3	Damms, B. and W. Bains, "The Cost of Delivering Drugs without Needles," <i>J. Controlled Release</i> , 8-11 (1996).			
	BW3	Darquenne, C., and M. Paiva, "Two and Three-Dimensional Simulations of Aerosol Transport and Deposition in Alveolar Zone of Human Lung," <i>Journal of Applied Physiology</i> , 80(4):1401-1414 (1996).			
	BX3	Davies, C.N., et al., "Breathing of Half-micron Aerosols. I. Experimental.," <i>J. of Appl. Physiol.</i> 32(5):591-600(1972).			
	BY3	Davis, S.S., and L. Illum, "Polymeric Microspheres as Drug Carriers," <i>Biomaterials</i> , 9:111-115 (1988).			
	BZ3	Davis, S.S., et al., "Microspheres as Controlled-Release Systems for Parenteral and Nasal Administration," <i>Controlled Release Technology</i> , Chapter 15, pp. 201-213 (1987).			
	BR4	Dorries, A.M., and Valberg P.A., "Heterogeneity of Phagocytosis for Inhaled Versus Instilled Material," <i>Am. Rev. Respir. Dis.</i> , 146:831-837 (1992).			
	BS4	This reference number intentionally left blank.			
	BT4	This reference number intentionally left blank.			
	BU4	Eldridge, J. H., et al., "Biodegradable Microspheres as a Vaccine Delivery System," <i>Mol. Immunol.</i> , 28(3):287-294 (1991).			
	BV4	Feinstein, S.B., et al., "Two-Dimensional Contrast Echocardiography I. In Vitro Development and Quantitative Analysis of Echo Contrast Agents," <i>JACC</i> 3(1):14-20 (1984).			
	BW4	Ferin, J., et al., "Pulmonary Retention of Ultrafine and Fine Particles in Rats," <i>Am. J. Respir. Cell Mol. Biol.</i> 6:535-542 (1992).			
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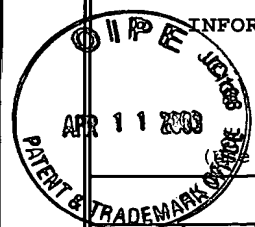
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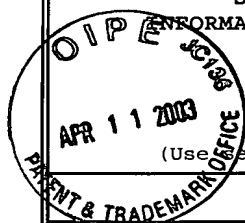
BX4	Findeisen, W. "Über Das Absetzen Kleiner, in Der Luft Suspendierter Teilchen in Der Menschlichen Lunge Bei Der Atmung," <i>Pflugers Arch. D. Ges. Physiol.</i> 236:367-379 (1935).
BY4	This reference number intentionally left blank.
BZ4	Ganderton, D., "The Generation of Respirable Clouds Form Coarse Powder Aggregates," <i>J. Biopharmaceutical Sciences</i> , 3(1/2):101-105 (1992).
BR5	Gehr, P. et al., "Surfactant and Inhaled Particles in the Conducting Airways: Structural, Stereological, and Biophysical Aspects," <i>Microscopy Res. And Tech.</i> , 26:423-436 (1993).
BS5	Gerrity, T.R., et al., "Calculated Deposition of Inhaled Particles in the Airway Generations of Normal Subjects," <i>J. Appl. Phys.</i> , 47(4):867-873 (1979).
BT5	This reference number intentionally left blank.
BU5	Gonda, I., "Preface. Major Issues and Future Prospects in the Delivery of Therapeutic and Diagnostic Agents to the Respiratory Tract," <i>Adv. Drug Del. Rev.</i> 5:1-9 (1990).
BV5	This reference number intentionally left blank.
BW5	Gonda, I., "Targeting by Deposition," in <i>Pharmaceutical Inhalation Aerosol Technology</i> (ed. A.J. Hickey), Marcel Dekkar Inc., pp. 61-82, New York (1992).
BX5	Gurny, R., et al., "Bioadhesive Intraoral Release Systems: Design, Testing and Analysis," <i>Biomaterials</i> , 5:336-340 (1984).
BY5	This reference number intentionally left blank.
BZ5	This reference number intentionally left blank.
BR6	Heyder, J.; and G. Rudolf, "Mathematical models of particle deposition in the human respiratory tract," <i>J. Aerosol Sci.</i> , 15:697-707 (1984).
BS6	Heyder, J., et al., "Total Deposition of Aerosol Particles in the Human Respiratory Tract for Nose and Mouth Breathing," <i>J. Aerosol Sci.</i> , 6:311-328 (1975).
BT6	Hickey, A.J., et al., "Use of Particle Morphology to Influence the Delivery of Drugs from Dry Powder Aerosols," <i>J. Biopharmaceutical Sci.</i> , 3(½):107-113 (1992).
BU6	Hirano, S., et al., "Pulmonary Clearance and Toxicity of Zinc Oxide Instilled into the Rat Lung," <i>Arch. of Toxicology</i> , 63:336-342 (1989).
BV6	Hrkach, et al., "Synthesis of Poly(L-lactic acid-co-L-lysine) Graft Copolymers," <i>Macromolecules</i> , 28(13):4736-4739 (1995).

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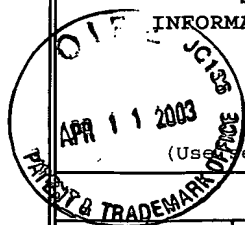
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BW6	Hrkach, J.S., et al., "Poly(L-Lactic acid-co-amino acid) Graft Copolymers: A Class of Functional Biodegradable Biomaterials" in Hydrogels and Biodegradable Polymers for Bioapplications, ACS Symposium Series No. 627, Raphael M. Ottenbrite, et al., Eds., Americal Chemical Society, Chapter 8, pp. 93-101, 1996.				
BX6	Illum, L., et al., "Bioadhesive Microspheres as a Potential Nasal Drug Delivery System," <i>Int. J. of Pharm.</i> 39:189-199 (1987).				
BY6	Johnson, M.A., et al. "Delivery of Albuterol and Ipratrophiumbromide from Two Nebulizer Systems in Chronic Stable Asthma: Efficacy and Pulmonary Deposition," <i>Chest</i> , 96:6-10 (1989).				
BZ6	Kao, Y.J., and R.L. Juliano, "Interactions of Liposomes with the Reticuloendothelial System, Effects of Reticuloendothelial Blockade on the Clearance of Large Unilamellar Vesicles," <i>Biochimica et Biophys. Acta.</i> 677:453-461 (1981).				
BR7	Kassem, N.M., and D. Ganderton, "The Influence of Carrier Surface on the Characteristics of Inspirable Powder Aerosols," <i>J. Pharm. Pharmacol.</i> , 42(Supp):11 (1990).				
BS7	This reference number intentionally left blank.				
BT7	Kobayashi, S. et al., "Pulmonary Delivery of Salmon Calcitonin Dry Powders Containing Absorption Enhancers in Rats," <i>Pharm. Res.</i> , 13(1):80-83 (1996).				
BU7	Kohler, D., "Aerosols for Systemic Treatment" <i>Lung</i> , Suppl: pp. 677-684 (1990).				
BV7	Komada, F. et al., Intratracheal Delivery of Peptide and Protein Agents: Absorption from Solution and Dry Powder by Rat Lung," <i>J. Pharm. Sci.</i> , 83(6): 863-867 (June, 1994).				
BW7	This reference number intentionally left blank.				
BX7	Kricheldorf, H.R. "α-Aminoacid-N-Carboxy-Anhydrides and Related Heterocycles," Springer-Verlag, Berlin (1987).				
BY7	Kwok, K.K., et al., "Production of 5-15 μm Diameter Alginate Polylysine Microcapsules by an Air Atomization Technique," <i>Pharm. Res.</i> , 8(3):341-344 (1991).				
BZ7	Lai, Y-L., et al., "Sustained Bronchodilation with Isoproterenol Poly(Glycolide-co-Lactide) Microspheres," <i>Pharm. Res.</i> , 10(1):119-125 (1993).				
BR8	Lai, W.C., et al., "Protection Against <i>Mycoplasma Pulmonosis</i> Infection by Genetic Vaccination," <i>DNA and Cell Biology</i> , 14(7):643-651 (1995).				
BS8	Landahl, "On The Removal of Air-borne Droplets by The Human Respiratory Tract: I. The Lung," <i>Bull. Math. Biophys.</i> , 12:43-56 (1950).				
BT8	Langer, R., "New Methods of Drug Delivery", <i>Science</i> , 249:1527-1533 (1990).				
BU8	Le Corre, P., et al., "Preparation and Characterization of Bupivacaine-Loaded Polylactide and Polylactide-Co-Glycolide Microspheres," <i>Int. J. of Pharmaceutics</i> , 107:41-49 (1994).				
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	BV8	Leone-Bay, A., et al., "Microsphere Formation in a Series of Derivatized α -Amino Acids: Properties, Molecular Modeling, and Oral Delivery of Salmon calcitonin," <i>J. of Med. Chem.</i> , 38(21):4257-4262 (1995).			
	BW8	Liu, F., et al., "Pulmonary Delivery of Free and Liposomal Insulin," <i>Pharm. Res.</i> 10(2):228-232 (1993).			
	BX8	Liu, W.R., et al., "Moisture-Induced Aggregation of Lyophilized Proteins in the Solid State," <i>Biotechnol. and Bioeng.</i> , 37:177-184 (1991).			
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	BZ8	Martonen, T.B., "Mathematical Model for the Selective Deposition of Inhaled Pharmaceuticals," <i>J. of Pharm. Sci.</i> , 82(12):1191-1198 (1993).			
	BR9	Masinde, L.E., and Hickey, A.J., "Aerosolized Aqueous Suspensions of Poly(L-Lactic Acid) Microspheres," <i>Int. J. of Pharmaceutics</i> , 100:123-131 (1993).			
	BS9	Mathiowitz, E., et al., "Novel Microcapsules for Delivery Systems," <i>Reactive Polymers</i> , 6:275-283 (1987).			
	BT9	Mathiowitz, E., et al., "Polyanhydride Microspheres. IV. Morphology and Characterization of Systems Made by Spray Drying," <i>J. of Appl. Polymer Sci.</i> 45:125-134 (1992).			
	BU9	Mathiowitz, E., et al., "Morphology of Polyanhydride Microsphere Delivery ASystems," <i>Scanning Microscopy</i> , 4(2):329-340 (1990).			
	BV9	Mathiowitz, E., and R. Langer, "Polyanhydride Microspheres as Drug Carriers I. Hot-Melt Microencapsulation," <i>J. of Controlled Release</i> 5:13-22 (1987).			
	BW9	Mathiowitz, E., et al., "Polyanhydride Microspheres as Drug Carriers. II. Microencapsulation by Solvent Removal," <i>J. of Appl. Polymer Sci.</i> , 35:755-774 (1988).			
	BX9	Ménache, M.G., et al., "Particle Inhalability Curves for Humans and Small Laboratory Animals," <i>Annals of Occupational Hygiene</i> , 39(3):317-328 (1995).			
	BY9	This reference number intentionally left blank.			
	BZ9	Morimoto, Y., and Adachi, Y., "Pulmonary Uptake of Liposomal Phosphatidylcholine Upon Intratracheal Administration to Rats," <i>Chem. Pharm. Bull.</i> 30(6):2248-2251 (1982).			
	BR10	Mulligan, R.C., "The Basic Science of Gene Therapy," <i>Science</i> , 260:926-932 (1993).			
	BS10	This reference number intentionally left blank.			
	BT10	This reference number intentionally left blank.			
	BU10	Newman, S.P., "Therapeutic Inhalation Agents and Devices," <i>Inhalation Therapy</i> , 76(5):194-207 (1984).			
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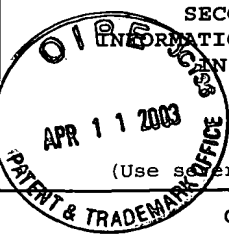
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BV10	Newman, S.P., "Aerosol Deposition Considerations in Inhalation Therapy," <i>Chest</i> , 88(2):152S-160S (1985).
BW10	Niven, R.W., et al., "The Pulmonary Absorption of Aerosolized and Intratracheally Instilled rhG-CSF and monoPEGylated rhG-CSF," <i>Pharm. Res.</i> , 12(9):1343-1349 (1995).
BX10	Niven, R.W., et al., "Solute Absorption From the Airways of the Isolated Rat Lung. III. Absorption of Several Peptidase-Resistant, Synthetic Polypeptides: Poly(2-Hydroxyethyl)-Aspartamides," <i>Pharm. Res.</i> , 7(10):990-994 (1990).
BY10	Niwa, T., et al., "Aerosolization of Lactide/Glycolide Copolymer (PLGA) Nanospheres for Pulmonary Delivery of Peptide-Drugs," <i>Yakugaku Zasshi</i> , 115(9):732-741 (1995).
BZ10	Ogiwara, M., "Clearance and Maximum Removal Rate of Liposomes in Normal and Impaired Liver of Rat," <i>Gastroenterologia Japonica</i> , 19(1):34-40 (1984).
BR11	Okumura, K., et al., "Intratracheal Delivery of Insulin. Absorption from Solution and Aerosol by Rat Lung," <i>Int. J. Pharmaceutics</i> , 88:63-73 (1992).
BS11	This reference number intentionally left blank.
BT11	Patton, J.S., et al., "Bioavailability of pulmonary delivered peptides and proteins: α -interferon, calcitonins and parathyroid hormones," <i>J. Controlled Release</i> , 28:79-85 (1994).
BU11	Pavia, D., "Lung Mucociliary Clearance". In <i>Aerosols and the Lung: Clinical and Experimental Aspects</i> , Clarke, S.W. and Pavia, D., eds. (Butterworths, London), pp. 127-155, (1984).
BV11	Peart, J. et al., "Multicomponent Particle Interactions in Dry Powder Aerosols," <i>J. Pharm. Res.</i> 14(11 Suppl):p S142-S143 (November 1997).
BW11	Pinkerton, K.E., et al., "Aerosolized Fluorescent Microspheres Detected in the Lung Using Confocal Scanning Laser Microscopy", <i>Microscopy Res. and Tech.</i> , 26:437-443 (1993).
BX11	Rudt, S., and R.H. Muller, "In Vitro Phagocytosis Assay of Nano- and Microparticles by Chemiluminescence. I. Effect of Analytical Parameters, Particle Size and Particle Concentration," <i>J. Contr. Rel.</i> , 22:263-271 (1992).
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BZ11	Ruffin, R.E., et al., "The Preferential Deposition of Inhaled Isoproterenol and Propranolol in Asthmatic Patients," <i>Chest</i> 80(6):904-907 (1981).
BR12	Sela, M., et al., "Multichain Polyamino Acids," <i>J. Am. Chem. Soc.</i> , 78:746-751 (1956).
BS12	Smith, A.L., and B. Ramsey, "Aerosol Administration of Antibiotics," <i>Respiration</i> , 62(suppl 1):19-24 (1995).

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BT12	Smith, P.L., "Peptide Delivery via the Pulmonary Route: A Valid Approach for Local and Systemic Delivery," <i>J. of Contr. Rel.</i> , 46:99-106 (1997).				
BU12	Strand, S.E., and L. Bergqvist, "Radiolabeled Colloids and Macromolecules in the Lymphatic System," <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 6(3):211-238 (1989)				
BV12	Swift, D., "The Oral Airway - A Conduit or Collector for Pharmaceutical Aerosols?" <i>Respiratory Drug Delivery IV</i> , 187-195 (1994).				
BW12	Tabata, Y., et al., "Controlled Delivery Systems for Proteins Using Polyanhydride Microspheres," <i>Pharm. Res.</i> 10(4):487-496 (1993).				
BX12	Tabata, Y., and Y. Ikada, "Effect of Surface Wettability of Microspheres on Phagocytosis," <i>J. of Colloid and Interface Sci.</i> , 127(1):132-140 (1989).				
BY12	Tabata, Y., and Y. Ikada, "Macrophage Phagocytosis of Biodegradable Microspheres Composed of L-lactic Acid/glycolic Acid Homo- and Copolymers," <i>J. of Biomed. Mater. Res.</i> , 22:837-858 (1988).				
BZ12	Tabata, Y., and Ikada, Y., "Effect of Size and Surface Charge of Polymer Microspheres on Their Phagocytosis by Macrophage," <i>J. Biomed. Mater. Res.</i> , 22:837-843 (1988).				
BR13	Taburet, A.M., and Schmit, B., "Pharmacokinetic Optimisation of Asthma Treatment," <i>Clin. Pharmacokinet.</i> 26(5):396-418 (1994).				
BS13	Tansey, I.P., "The Challenges in the Development of Metered Dose Inhalation Aerosols Using Ozone-Friendly Propellants," <i>Spray Technol. & Market</i> , 4:26-29 (1994).				
BT13	Timsina, M.P., et al., "Drug Delivery to the Respiratory Tract Using Dry Powder Inhalers," <i>Int. J. of Pharm.</i> , 101:1-13 (1994).				
BU13	Turner, J.R., and S.V. Hering, "Greased and Oiled Substrates as Bounce-Free Impaction Surfaces," <i>J. Aerosol Sci.</i> , 18(2):215-224 (1987).				
BV13	This reference number intentionally left blank.				
BW13	Wall, D.A., "Pulmonary Absorption of Peptides and Proteins," <i>Drug Delivery</i> , 2:1-20 (1995).				
BX13	Warheit, D.B., and Hartsky, M.A., "Role of Alveolar Macrophage Chemotaxis and Phagocytosis in Pulmonary Clearance to Inhaled Particles: Comparisons Among Rodent Species," <i>Microscopy Res. and Tech.</i> , 26:412-422 (1993).				
BY13	Weiner, Norman et al., "Liposomes as a Drug Delivery System," <i>Drug Development and Industrial Pharmacy</i> , 15(10):1523-1554 (1989).				
BZ13	Wheatley, M.A., et al., "Contrast Agents for Diagnostic Ultrasound: Development and Evaluation of Polymer-Coated Microbubbles," <i>Biomaterials</i> 11:713-717 (1990).				
BR14	Wichert, B., and Rohdewald, P., "Low Molecular Weight PLA: A Suitable Polymer for Pulmonary Administered Microparticles?," <i>J. Microencapsulation</i> , 10(2):195-207 (1993).				
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BS14	Wong, M., and Suslick, K.S., "Sonochemically Produced Hemoglobin Microbubbles," <i>Mat. Res. Soc. Symp. Proc.</i> , 372:89-95 (1995).
BT14	Zanen, P., et al., "The Optimal Particle Size for β -adrenergic Aerosols in Mild Asthmatics", <i>Int. J. of Pharm.</i> , 107:211-217 (1994).
BU14	Zanen, P., et al., "The Optimal Particle Size for Parasympathicolytic Aerosols in Mild Asthmatics", <i>Int. J. of Pharm.</i> , 114:111-115 (1995).
BV14	Zeng, X.M., et al., "The Controlled Delivery of Drugs to the Lung," <i>Int. J. of Pharm.</i> , 124:149-164 (1995).
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